

Exhibit A

OMB No. 0651-0011

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INFORMATION DISCLOSURE STATEMENT	Atty. Docket No.: 110.0081 0101	Serial No.: 09/647,475
	Applicant(s): Lyngberg et al.	
	Filing Date: 29 September 2000 Int'l Filing Date: 17 September 1999	Group: Unassigned

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	SubClass	Filing Date If Appropriate
J	3,992,158	11/16/76	Przybylowicz et al.			
	4,050,898	09/27/77	Goffe et al.			
	4,797,363	01/10/89	Teodorescu et al.			
	5,447,836	09/05/95	Wolber et al.			
	5,498,525	03/12/96	Rees et al.			
	5,571,722	11/05/96	Rosson			
	5,612,184	03/18/97	Rosson			
	5,723,330	03/03/98	Rees et al.			
	5,728,350	03/17/98	Kinoshita et al.			
	5,763,170	06/09/98	Raybuck			
	5,776,681	07/07/98	Virta et al.			
	5,804,083	09/08/98	Ishii et al.			
	5,855,836	01/05/99	Leyden et al.			
	5,879,951	03/09/99	Sy			
	5,927,547	07/27/99	Papen et al.			
	6,079,283	06/27/00	Papen et al.			
	6,083,762	07/04/00	Papen et al.			
	6,094,966	08/01/00	Papen et al.			

FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	SubClass	Translation	
						Yes	No
	0 168 933 A2	01/22/86	EPO				
	0 318 452 A1	05/31/89	EPO				
	0 469 021 B1	02/05/92	EPO				
	0 711 199 B1	05/15/96	EPO				
	JP 62138502	06/22/87	Japan (English language abstract only)				

EXAMINER <i>[Signature]</i>	Date Considered <i>1/19/2003</i>
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<i>✓</i>	JP 62294083	12/21/87	Japan (English language abstract only)				
<i>✓</i>	WO 89/03878	05/05/89	PCT (with English language abstract)				X
	WO 90/04037	04/19/90	PCT (with English language abstract)				X
	WO 90/04041	04/19/90	PCT				
	WO 90/05910	05/31/90	PCT				
	WO 90/08836	08/09/90	PCT with English language abstract)				X
	WO 90/12887	11/01/90	PCT				
	WO 92/15687	09/17/92	PCT				
	WO 95/03878	02/09/95	PCT				
<i>✓</i>	WO 95/19446	07/20/95	PCT				
	WO 95/25116	09/21/95	PCT				
	WO 00/16098	03/23/00	PCT				

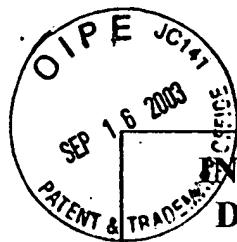
OTHER DOCUMENTS (Including Authors, Title, Date, Pertinent Papers, etc.)

<i>✓</i>	“Bug Light: 1998 Discover Technology Awards,” <i>Discover</i> , 19(7):84 (1998).
<i>✓</i>	Flickinger, Michael C., Biotechnology Development grant (no abstract on file), Grant Number 1T32GM08347-01A1 [online]. National Institutes of General Medical Sciences, project dates 09/25/90-06/30/95 [retrieved on January 24, 2001]. Retrieved from the Internet: URL: ">http://commons.cit.nih.gov/crisp_historical/crisp_lib.getdoc?textkey=3538536&p_grant_num=1T32GM08347-01A1&p_query=ticket=18343&p_audit_session_id=334651&p_keywords=> , 1 page.

EXAMINER	<i>Jeffrey A. Ullman</i>	Date Considered	<i>1/19/2003</i>
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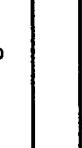
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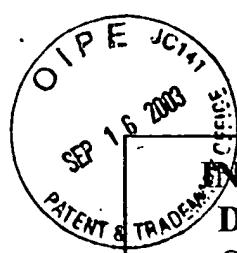
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		<p>Flickinger, Michael C., Biotechnology Development grant (no abstract on file), Grant Number 5T32GM08347-02 [online]. National Institutes of General Medical Sciences, project dates 09/25/90-06/30/95 [retrieved on January 24, 2001]. Retrieved from the Internet: URL: ">http://commons.cit.nih.gov/crisp_historical/crisp_lib.getdoc?textkey=3538537&p_grant_num=5T32GM08347-02&p_query=ticket=18343&p_audit_session_id=334651&p_keywords=>, 1 page.</p>
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		<p>Flickinger, Michael C., Biotechnology Development grant (no abstract on file), Grant Number 5T32GM08347-04 [online]. National Institutes of General Medical Sciences, project dates 09/25/90-06/30/95 [retrieved on January 24, 2001]. Retrieved from the Internet: URL: ">http://commons.cit.nih.gov/crisp_historical/crisp_lib.getdoc?textkey=2167984&p_grant_num=5T32GM08347-04&p_query=ticket=18343&p_audit_session_id=334651&p_keywords=>, 1 page.</p>
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		<p>Flickinger, Michael C. "Enhanced Gene Expression in Immobilized Whole-Cell Biocatalysis," Grant No. 9424063, Continuing Grant, 08/01/95-07/31/98 (abstract) [online]. National Science Foundation, Division of Bioengineering and Environmental Systems, Washington, D.C. [retrieved January 23, 2001]. Retrieved from: Dialog Information Services, FEDRIP Database, 1 page.</p>

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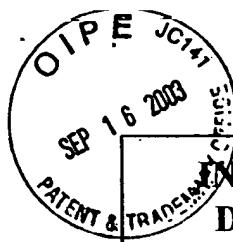
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		Hellemans, "Rubber Mold Carves a Path to Micromachines," <u>Science</u> , 285(5424):19, 21 (July 2, 1999).	
		Huang et al., "Microstructure Evolution in Polymer Latex Coatings for Whole-Cell Biocatalyst Application," <u>Journal of Colloid and Interface Science</u> , 215(2):226-243 (July 15, 1999).	
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↓		Lyngberg et al., "A single-use luciferase-based mercury biosensor using <i>Escherichia coli</i> HB101 immobilized in a latex copolymer film," <u>Journal of Industrial Microbiology and Biotechnology</u> , 23(1):668-676 (July, 1999).	

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<i>CHW/CL</i>	<i>1/19/2003</i>

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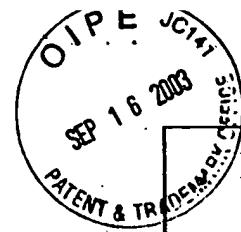
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<i>J</i>		Maniatis et al., <u>Molecular Cloning: A Laboratory Manual</u> , Cold Spring Harbor Laboratory Press, Cold Spring Harbor, New York, Title page, publication page and table of contents only, 8 pages (1982).
<i>J</i>		Martens et al., "Immobilisation of photosynthetic cells based on film-forming emulsion polymers," <u>Analytica Chimica Acta</u> , 292:49-63 (1994).
		Selifonova et al., "Bioluminescent Sensors for Detection of Bioavailable Hg(II) in the Environment," <u>Applied and Environmental Microbiology</u> , 59(9):3083-3090 (1993).
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		Swope et al., "The Use of Confocal Scanning Laser Microscopy and Other Tools to Characterize <i>Escherichia coli</i> in a High-Cell-Density Synthetic Biofilm," <u>Biotechnology and Bioengineering</u> , 52:340-356 (1996).
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<i>V</i>		Thiagarajan et al., "Investigation of Oxygen Consumption by <i>E. coli</i> Immobilized in a Synthetic Biofilm Using a Thin Film Plug Reactor (TFPR)," <u>Progress in Biotechnology 11, Immobilized Cells: Basics and Applications</u> , Proceedings of an International Symposium, The Working Party on Applied Biocatalysis of the European Federation of Biotechnology, The Netherlands, pages 304-312 (November 26-29, 1995).

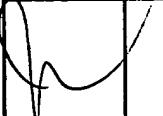
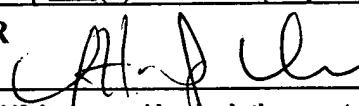
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	Thiagarajan et al., "Microstructure of a Biocatalytic Latex Coating Containing Viable <i>Escherichia coli</i> Cells," <u>Journal of Colloid and Interface Science</u> , 215(2):244-257 (July 15, 1999).
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